

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	23	"6615108"	US-PGPUB; USPAT	OR	ON	2007/08/01 15:33
(L4) m5	1	(US-6615108-\$.did.	USPAT	OR	ON	2007/08/01 15:33
L5	8	"6,809,490"	USPAT	OR	ON	2007/08/01 15:34
L6	10	"6,124,694"	USPAT	OR	ON	2007/08/01 15:34
L7	4	"6841963"	USPAT	OR	ON	2007/08/01 15:35
L8	1	"7167775"	USPAT	OR	ON	2007/08/01 15:35
S5	2	"20040236468"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/07/27 09:07
S6	3	("2004/0236468").URPN.	USPAT	OR	ON	2007/07/27 09:08

# EAST Search History

S7	274	("20010037163"   "20010047231"   "20010047895"   "20020011813"   "20020016649"   "20020021219"   "20020120364"   "20020156556"   "20020173877"   "20020189871"   "20030025472"   "20030060928"   "20030120389"   "20030124312"   "20030126352"   "20030137268"   "20030192144"   "20030216834"   "20030221114"   "20030233177"   "20030233930"   "20040020000"   "20040030448"   "20040030449"   "20040030450"   "20040030451"   "20040030570"   "20040030571"   "20040068351"   "20040068415"   "20040068416"   "20040076324"   "20040088079"   "20040111184"   "20040134336"   "20040134337"   "20040156541"   "20040158357"   "20040200505"   "20040204792"   "20040211444"   "20040236468"   "20040244138"   "20050000543"   "20050010331"   "20050156562"   "3457575"   "3550714"   "3674316"   "3937174"   "3989311"   "4012681"   "4099284"   "4119900"   "4175892"   "4306329"   "4369543"   "4401909"   "4513469"   "4556313"   "4601082"   "4626995"   "4674048"   "4679152"   "4700301"   "4700427"   "4733430"   "4733431"   "4756049"   "4777416"   "4811228"   "4815157"   "4829626"   "4854000"   "4887415"   "4893025"   "4901394"   "4912643"   "4918441"   "4919224"   "4933864"   "4962453"   "5002145"   "5020186"   "5049802"   "5084934"   "5086535"   "5093955"   "5105502"   "5109566"   "5115538"   "5136750"   "5142985"   "5163202"   "5165064"   "5204814"   "5208521"   "5216777"   "5233682"   "5251358"   "5261139"   "5279672"   "5284522"   "5293955"   "5315227"   "5319827"   "5321614"   "5324948"   "5341540").PN. OR ("5353224"   "5369347"   "5369838"   "5410479"   "5440216"   "5444965"   "5446356"   "5454129"   "5467273"   "5497529"   "5498948"   "5507067"   "5515572"   "5534762"   "5537017"   "5539953"   "5542146"   "5548511"   "5553349"   "5555587"   "5560077"   "5568589"   "5608944"   "5613261"   "5621201"   "5624227"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:08
8/1/2007 3:47:25 PM		C:\Documents and Settings\jerry\My Documents\EAST\Workspaces\10798716.wsp				Page 2

# EAST Search History

S8	(20) m/s)	("20030060928"   "20030120389"   "20040204792"   "20040211444"   "20040225462"   "20040236468"   "20040244138"   "20050000543"   "20050010331"   "5632404"   "5787545"   "6076226"   "6278917"   "6308114"   "6389329"   "6448297"   "6586908"   "6636781"   "6748297"   "6760647").PN. OR ("7133746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:08
S9	50	("20040204792"   "20040211444"   "20040236468"   "20040244138"   "3674316"   "3989311"   "4175892"   "4401909"   "4601082"   "4733430"   "4733431"   "4829626"   "4918441"   "5105502"   "5109566"   "5136750"   "5163202"   "5216777"   "5233682"   "5251358"   "5284522"   "5319827"   "5341540"   "5410479"   "5507067"   "5515572"   "5539953"   "5542146"   "5613261"   "5815884"   "5910700"   "5935179"   "5959423"   "6023814"   "6055702"   "6076227"   "6278918"   "6285930"   "6323570"   "6385515"   "6389329"   "6400048"   "6437465"   "6446302"   "6459955"   "6490539"   "6532404"   "6571422"   "6671592").PN. OR ("6956348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:09
S10	m/s)	5 S7 and S8 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:47
S11	283	S7 or S8 or S9	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:09
S12	911028	vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:47
S13	18061	S12 and robot	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 09:47
S15	2410	vacuum and robot\$.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/30 12:59

## EAST Search History

<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-bottom: 5px;">S22</div> <div style="font-family: cursive; font-size: 24px; margin-left: 10px;">m5)</div>	62	(US-20070157420-\$ or US-20070157416-\$ or US-20070150109-\$ or US-20070100500-\$ or US-20070061043-\$ or US-20070061040-\$ or US-20070051757-\$ or US-20060136096-\$ or US-20060009879-\$ or US-20050251292-\$ or US-20050235451-\$ or US-20050234611-\$ or US-20050113990-\$ or US-20050000543-\$ or US-20040207355-\$ or US-20040193339-\$ or US-20040187249-\$ or US-20040143930-\$ or US-20040117064-\$ or US-20040111184-\$ or US-20040093650-\$ or US-20040049877-\$ or US-20040047765-\$ or US-20040020000-\$ or US-20030212472-\$ or US-20030192144-\$).did. or (US-20030126701-\$ or US-20030120389-\$ or US-20030028993-\$ or US-20020120364-\$ or US-20020116089-\$ or US-20020112899-\$ or US-20020095239-\$ or US-20020060542-\$ or US-20020011813-\$ or US-20010047231-\$ or US-20010022506-\$ or US-20070166135-\$).did. or (US-7248951-\$ or US-7239105-\$ or US-7188000-\$ or US-7173391-\$ or US-7167775-\$ or US-7155309-\$ or US-7155308-\$ or US-7133746-\$ or US-7082350-\$ or US-7059012-\$ or US-6999850-\$ or US-6984952-\$ or US-6938298-\$ or US-6885912-\$ or US-6883201-\$ or US-6841963-\$ or US-6809490-\$ or US-6615108-\$ or US-6611120-\$ or US-6605156-\$ or US-6594844-\$ or US-6496755-\$ or US-6496754-\$ or US-6124694-\$). did.	US-PGPUB; USPAT	OR	ON	2007/08/01 15:30
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## EAST Search History

S26	10	"798716"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/08/01 14:08
S28	10	"802151"	US-PGPUB; USPAT	OR	ON	2007/07/30 18:45
S29	15	"808081"	US-PGPUB; USPAT	OR	ON	2007/07/30 18:46
S30	14	"822133"	US-PGPUB; USPAT	OR	ON	2007/07/30 18:47
S31	15	"822199"	US-PGPUB; USPAT	OR	ON	2007/07/30 18:49
S32	10	"823548"	US-PGPUB; USPAT	OR	ON	2007/07/31 09:37
S38	15	"6496755"	US-PGPUB; USPAT	OR	ON	2007/08/01 15:33
S39	25	"6496754"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/08/01 14:08